

12-17-01

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Express Mail No. EL715974400US  
Docket No. 20780/124164

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Mads GRUENBERG *et al.*

Serial No.: Unassigned

Filed: Herewith

For: **OPTIMIZATION OF FERMENTATION  
PROCESSES**

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Examiner: Unassigned

Art Unit: Unassigned

New York, NY  
October 30, 2001

Box Patent Application  
Commissioner For Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the utility patent application of Inventors:

**Mads GRUENBERG, Clemens POSTEN, and Markus RUECKEL**

For: **OPTIMIZATION OF FERMENTATION PROCESSES**

1. ☒ The application has 30 pages (including specification, claim pages, and abstract).
2. ☒ The declaration and power of attorney
  - a. ☐ has been executed by all the inventors; or
  - b. ☒ has not been executed by all the inventors. A signed declaration and power of attorney will be submitted in due course.
3. ☒ 1 sheet of drawings (FIG. 1) is enclosed.
4. ☐ A Sequence Listing is part of this application.
  - a. ☐ A Sequence Listing in both paper and computer readable form (diskette) as required by 37 CFR 1.821 et seq. is enclosed.
  - b. ☐ Upon information and belief, the content of the paper and computer readable Sequence Listing are the same. See, 37 CFR §§1.821(f).

10/30/01  
JC678 U.S. PTO

J1040 U.S. PTO  
10/016616  
10/30/01

10016616-103001

5. ☐ An associate power of attorney is enclosed.
6. ☐ An assignment of the invention from the Inventor(s) to Roche Vitamins AG (with Recordation Form Cover Sheet in duplicate), and an assignment from Roche Vitamins AG to Roche Vitamins Inc. (with Recordation Form Cover Sheet in duplicate) are enclosed. Please record the Assignment from the Inventor(s) to Roche Vitamins AG first, then record the assignment from Roche Vitamins AG to Roche Vitamins Inc., and return both to the undersigned. A duplicate copy of this paper is enclosed.
- a. ☐ Two checks in the amount of \$40 each are enclosed to cover the recording fees. See paragraph 10.c., below.
- b. ☐ Please charge the recording fee to our Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
7. ☒ Priority is hereby claimed under 35 USC §119 based on Appln. No. **00123710.6**, filed **October 31, 2000** in **Europe**.
- a. ☒ A certified copy of the priority document is enclosed.
- b. ☐ The certified priority document will follow.
8. ☐ Priority is hereby claimed under 35 USC §119(e) based on provisional application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, in \_\_\_\_\_. Please amend the specification by inserting, before the first line, the following sentence: -- This application claims priority under 35 U.S.C. § 119(e) of provisional application Serial No \_\_\_\_\_, filed \_\_\_\_\_. --
9. ☒ The filing fee is calculated below on the basis of the claims existing in the application plus or minus any claims added or canceled by amendment:

Claims as Filed, Plus/Minus Any Claims Added/Canceled By Amendment

For	Number Filed	Number Extra	Rate	Basic Fee = \$	740.00
Total claims	16 -20=	0	x \$18 =	\$	.00
Independent claims	4 -3=	1	x \$84 =	\$	84.00
Total Filing Fees				\$	824.00

- a. ☒ A check in the amount of **\$824.00** to cover the filing fee is enclosed. If our check is missing or otherwise insufficient, or if any additional fees are required, please charge (or credit any overpayment) to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
- b. ☐ Please charge Deposit Account No. 02-4467 in the amount of \$\_\_\_\_\_. A duplicate copy of this paper is enclosed.

10. ☒ The Commissioner is hereby authorized to charge payment of the following fees, or to credit any overpayment, to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
- a. ☒ Any additional filing fees required under 37 CFR Section 1.16 not otherwise paid by check.
- b. ☒ Any patent application processing fees required under 37 CFR Section 1.17 not otherwise paid by check.
- c. ☒ Any additional Assignment recording fees under 37 CFR Section 1.21 (h) not otherwise paid by check.
11. ☐ A preliminary amendment is enclosed. Please enter it before calculating the filing fee.
12. ☐ An Information Disclosure Statement is enclosed.
13. ☒ Address all communications to:
- Stephen M. Haracz, Esq.  
BRYAN CAVE LLP  
245 Park Avenue  
New York, NY 10167-0034  
tel. (212) 692-1800

Respectfully submitted,

By: 

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Mads GRUENBERG *et al.* )  
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For: **OPTIMIZATION OF FERMENTATION )  
PROCESSES**

New York, New York  
October 30, 2001


**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" Mailing Label No.: EL715974400US  
Date of Deposit: October 30, 2001

I hereby certify that the following:

- ☒ Certificate of Express Mailing (1 p)
- ☒ Transmittal Letter (3 pp) in duplicate
- ☒ Specification, Claims and Abstract (30 pp)
- ☒ Declaration and Power of Attorney (3 pp) (unexecuted)
- ☒ One (1) Sheet of Drawings (FIG. 1)
- ☒ Copy of Certified Priority Document EP 00123710.6
- ☒ Check for \$824.00 (Filing fee)
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the Date of Deposit indicated above in an envelope addressed to Box Patent Application, Commissioner For Patents, Washington, D.C. 20231.

  
\_\_\_\_\_  
Gregory Small  
Signature of Person Making Deposit

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